

## MADISON COUNTY: Key Data Points

- The county observed 16 infant deaths, 13 of which were neonatal deaths
- There are more number of unmarried parents in Madison county than the state overall, 43.1% versus 37.1%
- Compared to state percentages, a significantly higher percentage of mothers in Madison county are smoking during pregnancy (23.6 versus 18.5 respectively)
- Madison county observed 71 accidental deaths (26 of which were motor vehicle), 17 suicidal deaths and 3 homicides

**Note:** All figures relate to 2003 data from the Indiana State Department of Health, unless otherwise specified

**Figure 1. Births**

	Total		White		Black		Other	
	Number	Crude Rate*	Number	Crude Rate*	Number	Crude Rate*	Number	Crude Rate*
<b>Madison County</b>	1,596	12.2	1,444	12.2	139	13.3	13	6.1(U)
<b>INDIANA</b>	86,382	13.9	75,422	13.7	9,288	17.5	1,672	10.6

\* births per 1,000 population; U = unstable rate, based on fewer than 20 births

**Figure 2. Mortality**

		NUMBER				RATE*		
COUNTY OF RESIDENCE	REPORTED RACE/ETHNICITY	Live Births	Infant Deaths (< 1 yr)	Neonatal Deaths (< 28 days)	Post Neonatal Deaths (28-364 days)	Infant Deaths (< 1 yr)	Neonatal Deaths (< 28 days)	Post Neonatal Deaths (28-364 days)
<b>MADISON</b>	All Races	1,596	16	13	3	**	**	**
	White	1,444	14	11	3	**	**	**
	Black	139	2	2	0	**	**	0
	Other	13	0	0	0	0	0	0
	Hispanic	54	2	1	1	**	**	**
<b>INDIANA</b>	All Races	86,382	641	417	224	7.4	4.8	2.6
	White	75,422	479	309	170	6.4	4.1	2.3
	Black	9,288	148	98	50	15.9	10.6	5.4
	Other	1,672	14	10	4	**	**	**
	Hispanic	6,763	38	22	16	5.6	3.3	**

\*rate per 1,000 live births \*\*Numerator is less than 20 and the rate is unstable

**Figure 3. Outcome Indicators of Mother, by Race**

		Birth Weight				During Pregnancy		
<b>MADISON COUNTY</b>	Total Births	% Low (< 2500 grams)	% Very Low (< 1500 grams)	% Preterm †	% PNC 1st Trimester ‡	% Alcohol	% Smoked	% Unmarried Parents
All Races	1,596	7.9	1.3	10.7	82.8	0.3	23.6(S)	43.1(S)
White	1,444	7.4	1.2	10.5	83.9	0.2	24(S)	39(S)
Black	139	13.7	1.4	12.9	73.4	0.7	20.1	85.6

		Birth Weight				During Pregnancy		
<b>INDIANA</b>	Total Births	% Low (< 2500 grams)	% Very Low (< 1500 grams)	% Preterm †	% PNC 1st Trimester ‡	% Alcohol	% Smoked	% Unmarried Parents
All Races	86,382	7.9	1.4	9.9	80.6	0.6	18.5	37.1
White	75,422	7.2	1.2	9.5	82.1	0.6	19.1	32.6
Black	9,288	13.3	3.3	13.3	68.2	1.1	15.2	76.3

† Preterm: less than 37 weeks gestation

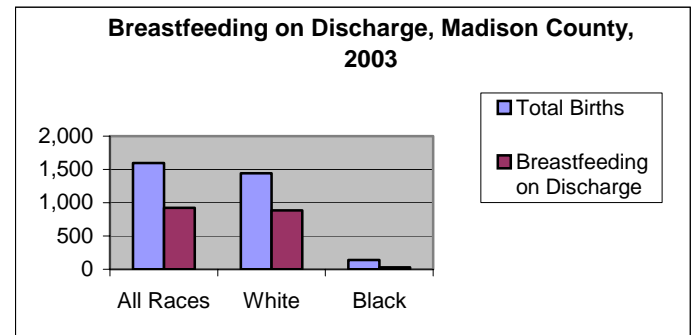
‡ PNC: Prenatal Care

'S' Significantly different than the state percent

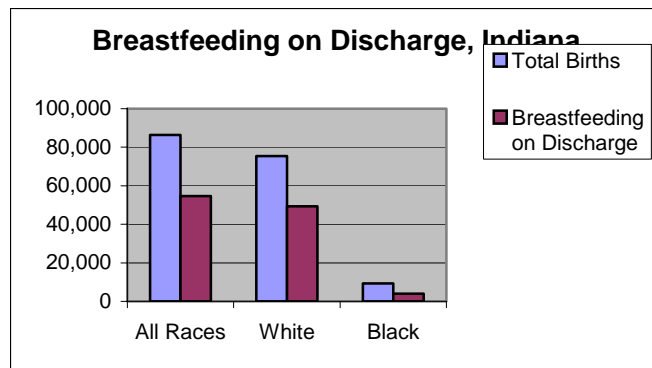
\*\*\* Outcomes for this county are suppressed due to 20 or fewer total births

**Figure 4. Breastfeeding**

<b>MADISON COUNTY</b>	<i>All Races</i>	<i>White</i>	<i>Black</i>
Total Births	1,596	1,444	139
Breastfeeding on Discharge	924	883	31
% Breastfeeding on Discharge	57.9	61.1	22.3



INDIANA	<i>All Races</i>	<i>White</i>	<i>Black</i>
<b>Total Births</b>	86,382	75,422	9,288
<b>Breastfeeding on Discharge</b>	54,636	49,385	3,959
<b>% Breastfeeding on Discharge</b>	63.2	65.5	42.6



**Figure 5. HIV/AIDS**

	<b>Total # of AIDS cases reported since 1982*</b>	<b>Total # of HIV cases reported since 1985*</b>
<b>MADISON COUNTY</b>	170	76
<b>INDIANA</b>	7,641	3,856

\*numbers current through June 2005

**Figure 6. Nutritional Risk Factors by Status,**  
Indiana WIC Clinics, Quarter Ending 09/30/2004

Local Agency: Madison County Health Department							
Counties Included: Madison							
Risk Factor or Status	Children 1-5 years of Age					Total	% within Agency
	White	Black	Hispanic	Asian	Other		
Overweight	40	5	10	0	1	56	5.0%
At Risk for becoming Overweight	45	14	5	1	2	67	6.0%
Local Agency: State Wide							
Counties Included: All							
Risk Factor or Status	Children 1-5 years of Age					Total	% within Agency
	White	Black	Hispanic	Asian	Other		
Overweight	1,732	445	800	12	97	3,086	4.8%
At Risk for becoming Overweight	2,023	485	639	11	124	3,282	5.1%

Priority Issues (Madison & Indiana)			
Demographics: Percentage of population enrolled in Medicaid, Percentage of population enrolled in Food Stamps.		Madison	Indiana
2	% of Population enrolled in Medicaid as of June 2003	14.2	12.4
3	% of Population in Food Stamps Program, 2004	10.1	8.6
Priority #1 (pregnancy outcomes): Average Infant Mortality Rate, Average Fetal death Rate		Madison	Indiana
1	Av Total Infant Death Rate (1993-2002)	10.2	8.1
2	Average Fetal Death Rate (1994-2003)	8.6	6.7
Priority #2 (reduce barriers): Health Professional Shortage Areas, Percentage of women with prenatal care in first trimester		Madison	Indiana
1	Scores for Primary Care Health Professional Shortage Areas (HPSAs) (2005)	15	NA
2	% PNC 1st Trimester†, 2003	82.8	80.6
Priority #4 (environmental): Prevalence of asthma, Childhood lead poisoning		Madison	Indiana
1	Prevalence of Asthma in a Medicaid Cohort of Children age 0-17 years, 2003	11.7	10.4
2	% Estimated Lead Blood Levels (%EBLL) for Children under 6 years old FY 2004-2005	1.2	2.1
Priority #5 (tobacco): Percentage of mothers who smoked during pregnancy, Percentage of Adult Smoking		Madison	Indiana
1	% of mothers Smoked During Pregnancy, 2003	23.6	18.5
2	% of Adult Smoking in 2003	30.6	29.3
Priority #7 (adolescent risk behaviors): Adolescent deaths due to motor vehicle accidents, Chlamydia rates (ages 15-24).		Madison	Indiana
1	Number of Adolescent (15-24) deaths due to Motor vehicle accidents (2001-2003)	14	748
2	Chlamydia rates per 100,000 county specific population (15-24yrs of Age)	1467.2	1541.49
Priority #8 (obesity): Obesity in pregnant women		Madison	Indiana
1	Number of Obese Pregnant Women In Indiana, 2003	12	2,496
Priority #9 (domestic violence, childhood injury): Child deaths due to Injury, Child abuse and neglect rates		Madison	Indiana
1	Child deaths due to Injury 1-14yrs (2001-2003)	8	257
2	Child Abuse and Neglect per 1,000 Population under age 18, 2004	12.2	13.5
Priority #10 (To improve racial and ethnic disparities in women of childbearing age, mothers, and children's health outcomes): Percentage of Hispanic Population of any Race, LBW Disparity Ratio		Madison	Indiana
1	% of Hispanic Population of any Race, July,1,2004	1.9	4.3
2	Low Birth Weight Disparity Ratio (B/W) (1993-2002)	1.67	1.92
<b>Source:</b> Data Analysis Team, ISDH. <b>Notes:</b> 1. NS= Not Stable 2. NA = Not Available 3. Infant Mortality rate and Fetal Death rate is for 1000 live births. 4. Low Birth Weight: Birth Weight Less than 2,500grams. 5. HPSA Score ranges 1 – 25. The higher the score, the higher the need. 6. EBLL: Ten (10) micrograms of lead per deciliter of whole blood for one venous test; %EBLL is based on screening rate of 27% Statewide, unduplicated kids 7. Obesity in Pregnant Women determined by "Concurrent Illness Obesity" checkbox on the birth certificate 8. PNC percentages are calculated using total births in each county.			

**Note:** The following priorities have been identified for Madison County:

- **Priority # 1:** To decrease high-risk pregnancies, fetal death, low birth weight, infant mortality racial and ethnic disparities in pregnancy outcomes.
- **Priority # 2:** To reduce barriers to access to health care, mental health care and dental care for pregnant women, infants, children, children with special health care needs, adolescents, women and families.
- **Priority # 7:** To reduce risk behaviors in adolescents including unintentional injuries and violence, tobacco use, alcohol and other drug use, risky sexual behavior including teen pregnancy, unhealthy dietary behaviors and physical inactivity.
- **Priority # 9:** To reduce the rates of domestic violence to women and children, child abuse and childhood injury in Indiana.
- **Priority # 10:** To improve racial and ethnic disparities in women of childbearing age, mothers, and children's health outcomes.